

Product No. I-5885
Monoclonal Anti-Human IgG (γ -chain specific)
Lot 077H4843

Mouse Ascites Fluid
Clone GG-5
(Liquid Precipitating)

Monoclonal anti-Human IgG (mouse IgG1 isotype) is derived from the hybridoma produced by the fusion of mouse myeloma cells and splenocytes from an immunized mouse. Purified human IgG was used as the immunogen. The isotype is determined by a double diffusion assay using immunoglobulin and subclass specific antisera. The product is provided as ascites fluid with 0.1% sodium azide (see MSDS)* as a preservative.

Specificity

Monoclonal anti-Human IgG is immunospecific for human IgG as determined by an ELISA. No reactivity with human light chains of human IgM is observed.

Working Dilution

A working dilution of 1:20,000 was determined by ELISA using human IgG at 5 μ g/ml as the coat. In order to obtain best results it is recommended that each individual user determine their optimum working dilution by titration assay.

Uses

This antibody may be used for antigen-antibody complex formation in liquid phase using polyethylene glycol (PEG) of molecular weight 8000 and normal human serum.

*Due to the sodium azide content a material safety data sheet (MSDS) for this product has been sent to the attention of the safety officer of your institution. Consult the MSDS for information regarding hazards and safe handling practices.

Storage

For continuous use, store at 0-5°C for up to one month. For extended storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is **not** recommended. Storage in "frost-free" freezers is **not** recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use.